

# File Structure for ReMeltRadar Project Repository

R. Drews, M. R. Ershadi, O. Eisen, J. D. Hawkins, I. Koch

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## Description

Outline of file structure for ReMeltRadar project repository to store data, documentation and processing scripts.

## Change Log

Date	Version	Comment
2022-01-25	0.1	Document created.

# 1 File Structure

There are **two key file structures** within the project: the first is a top-level file structure which discriminates between raw data, processed data and associated scripts and documentation. The second is a sub-folder hierarchy which can be found within the top-level folders. Top-level folders which do not contain the sub-folder hierarchy are denoted with an asterisk (\*) in the figure below.

## 1.1 Top-Level Folder Structure

The purpose of each folder within the top-level folder structure described in turn.

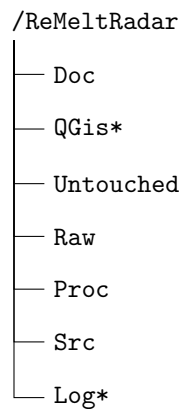


Figure 1: Top-level folder structure for ReMeltRadar project repository.

**Doc** contains textual, imagery (i.e. scanned document or photography) or other documentation that describes how the data in **Raw** was collected and how it is processed by scripts in **Src** to generate the output data in **Proc**.

**QGis** contains the QGis project and associated shapefiles and imagery that were used for the ReMeltRadar traverse.

**Untouched** contains unprocessed data that has not been modified since export from the instrument. It serves as a backup of original data and **should not be renamed, processed or otherwise modified**.

**Raw** contains unprocessed data that has been modified since originally downloaded. This could include renaming of the files so that they are consistent, for example.

**Proc** contains processed data that has been modified and processed using either a script located in **Src** or otherwise. The processing procedure should be documented in **Doc** and the processed data should include reference to the date on which they were generated.

**Src** contains scripts for processing the raw data located in **Raw** to generate the processed data destined for **Proc**. Scripts **should not modified data in Raw** and instead modifications should be made in-place within **Proc** if required.

**Log** is used to store log files and reports generated by scripts in **Src** and through data cataloguing operations.

## 1.2 Sub-Folder Structure

The second file-structure can be found within most of the top-level folders and sorts data, processing scripts and documentation into a hierarchical structure.

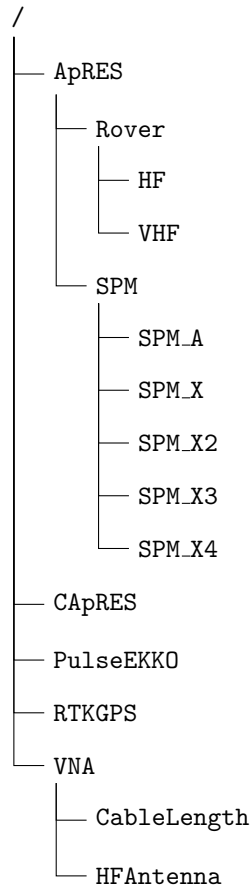


Figure 2: Overview of sub-folder file structure for hierarchical separation of data, documentation and processing scripts.